

# **[COMPUTER SYSTEM WITH A PREAMPLIFIER CIRCUIT MOUNTED ON A MOTHERBOARD]**

## **Abstract of Disclosure**

A computer system includes a motherboard, a signal amplifier circuit integrated onto the motherboard, and a processor for controlling operations of the computer system. The signal amplifier circuit includes a Class-A preamplifier, a filament heating circuit, and a voltage booster and regulator circuit. The Class-A preamplifier has a vacuum tube so that the computer system can produce professional sound output.

## Figures